

FIG. 1A

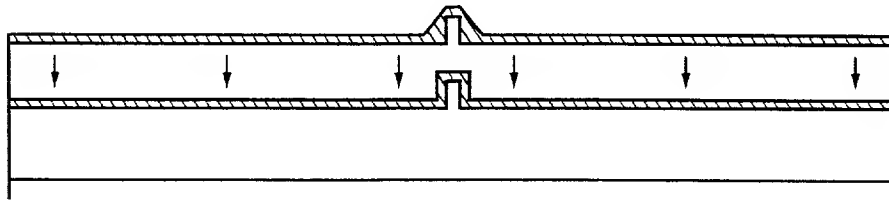


FIG. 1B

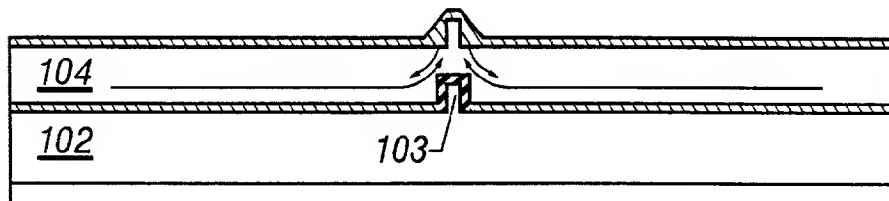


FIG. 1C

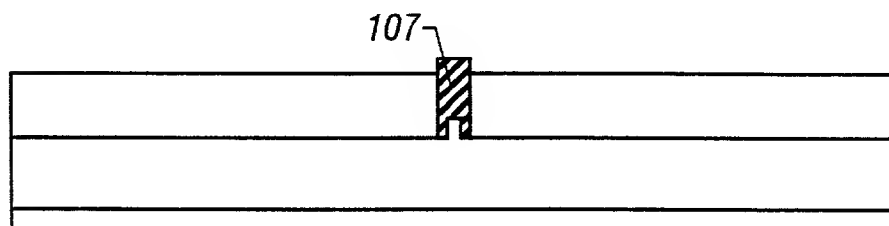


FIG. 1D

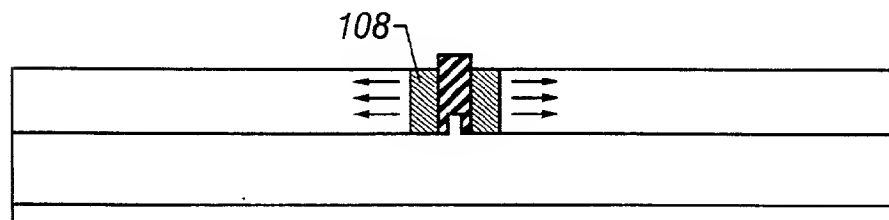


FIG. 1E

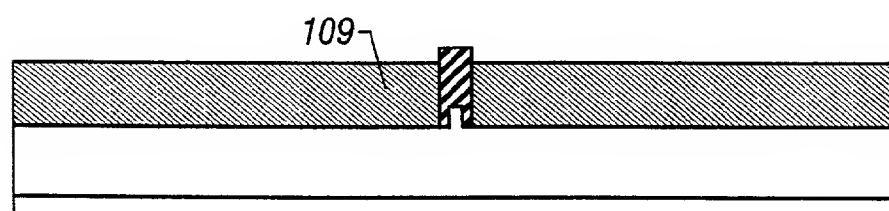


FIG. 1F

HEAT TREATMENT IN HALOGEN CONTAINING GAS

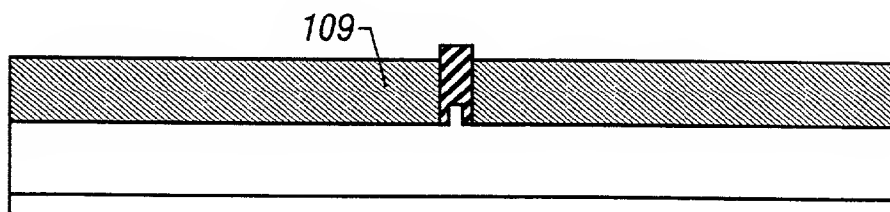


FIG. 2A

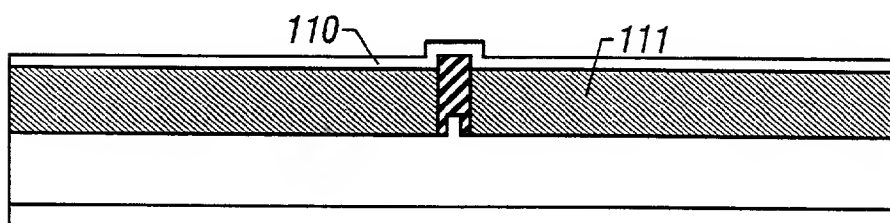


FIG. 2B

REMOVAL OF THERMAL OXIDE

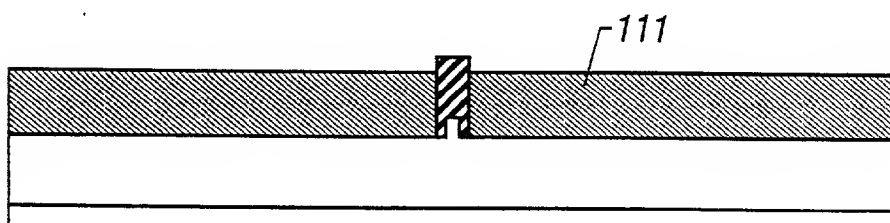


FIG. 2C

FIG. 3A

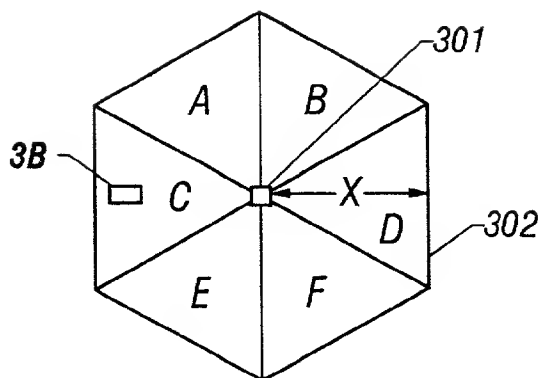
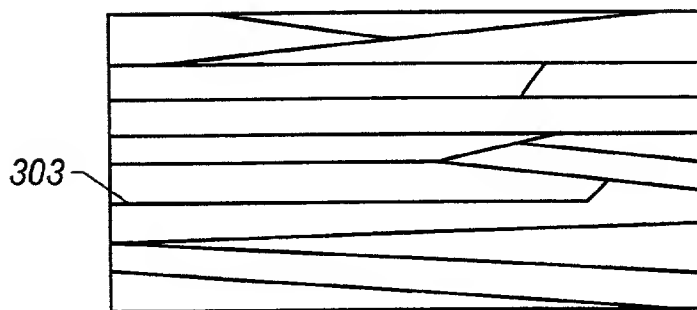


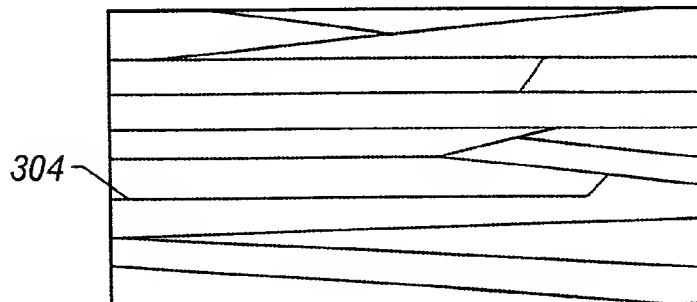
FIG. 3B



ANNEAL IN A HALOGEN



FIG. 3C



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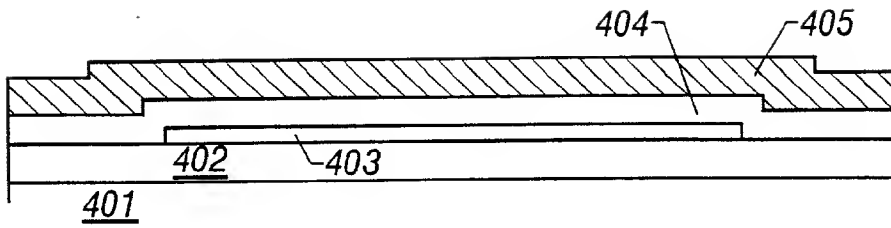


FIG. 4A

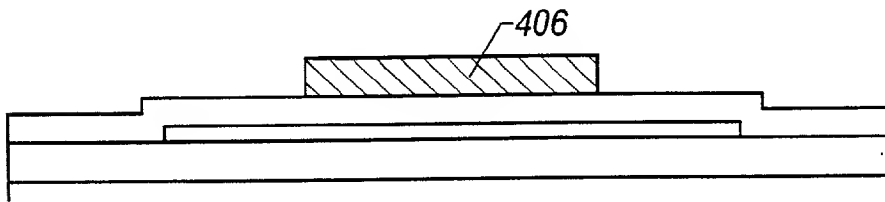


FIG. 4B

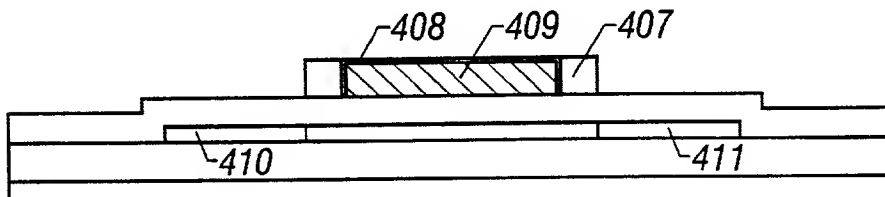


FIG. 4C

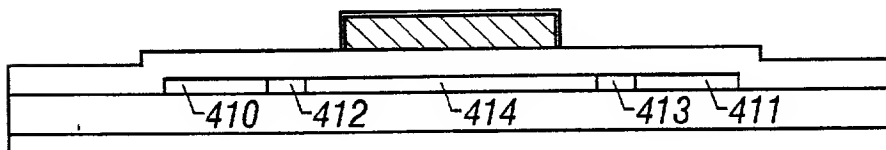


FIG. 4D

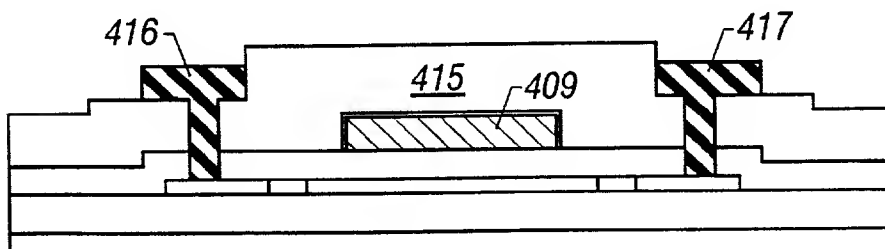


FIG. 4E

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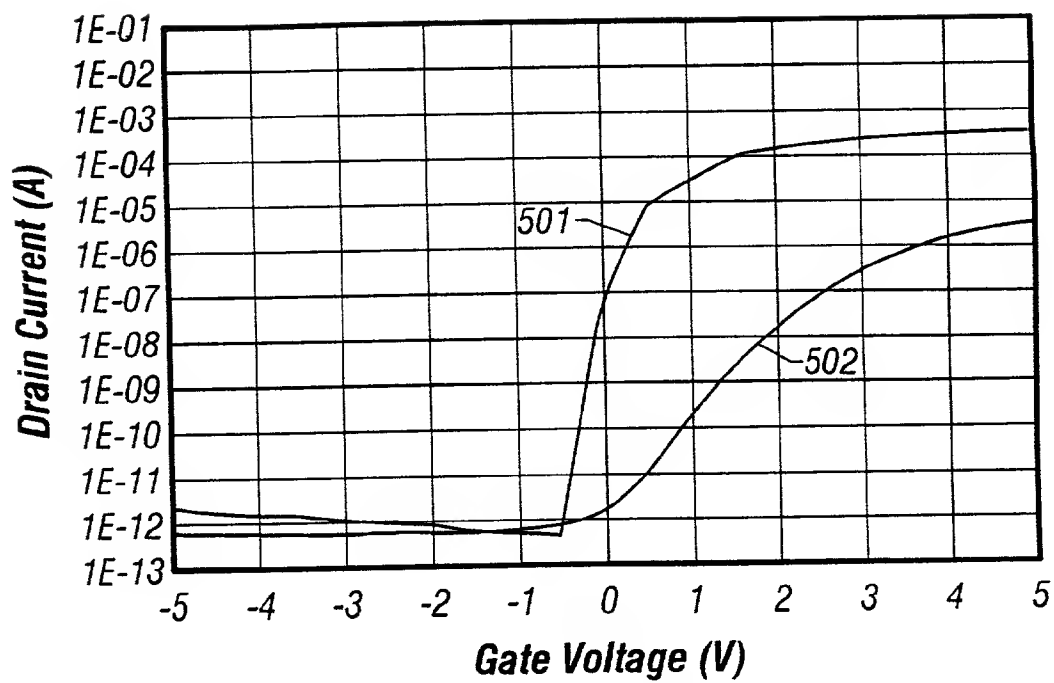


FIG. 5

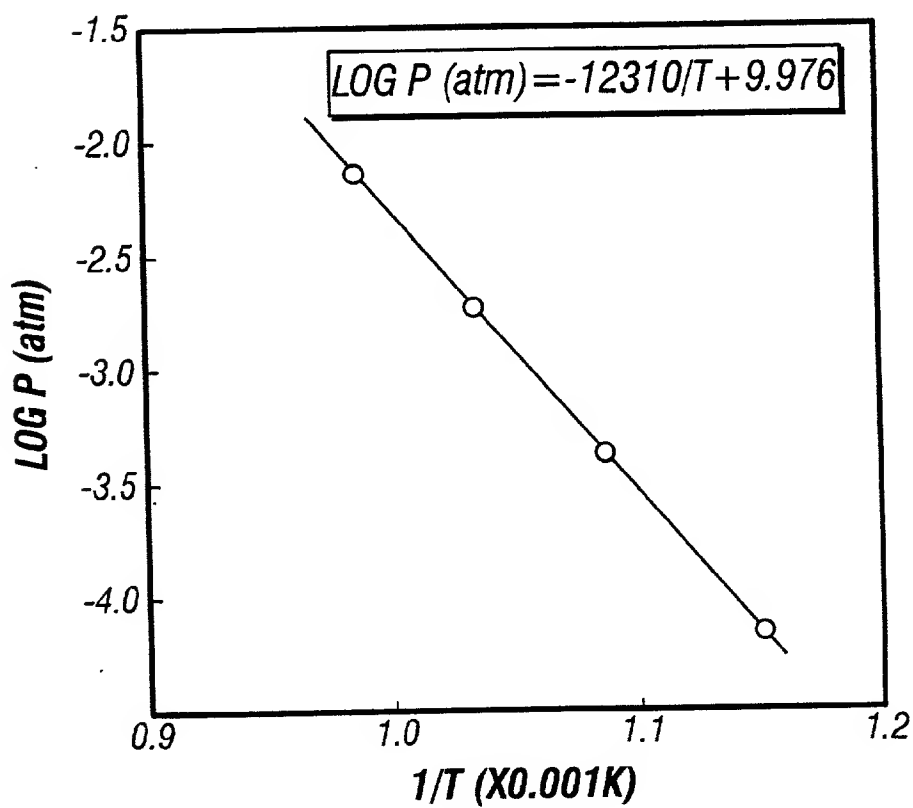


FIG. 6

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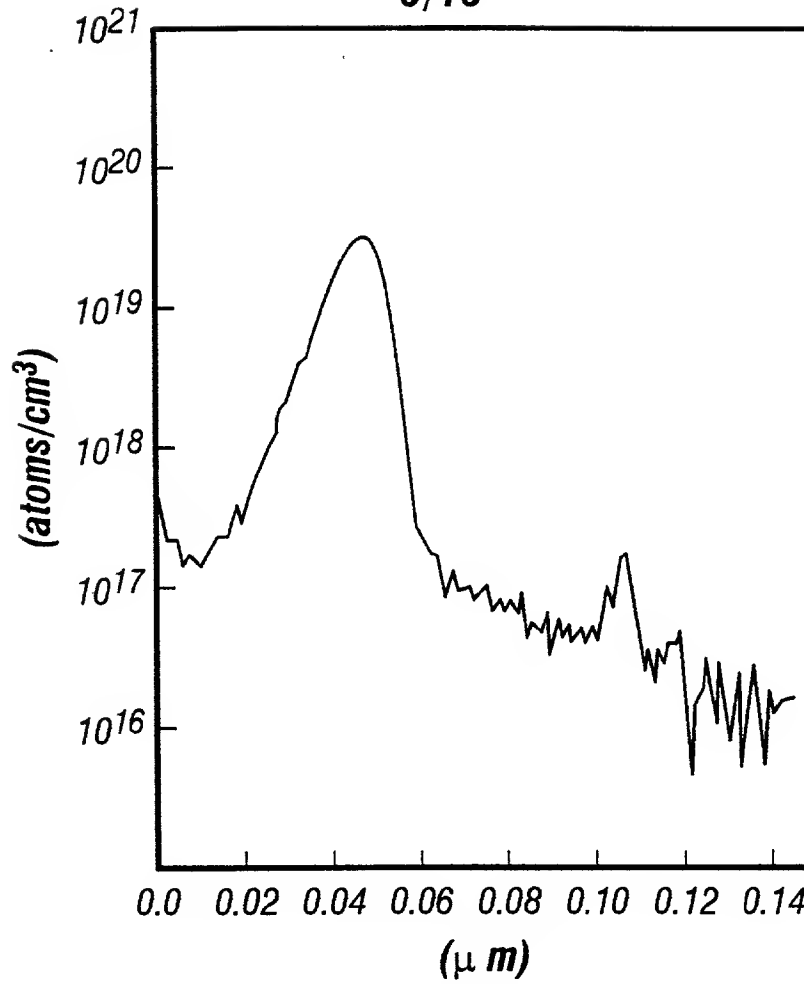


FIG. 7

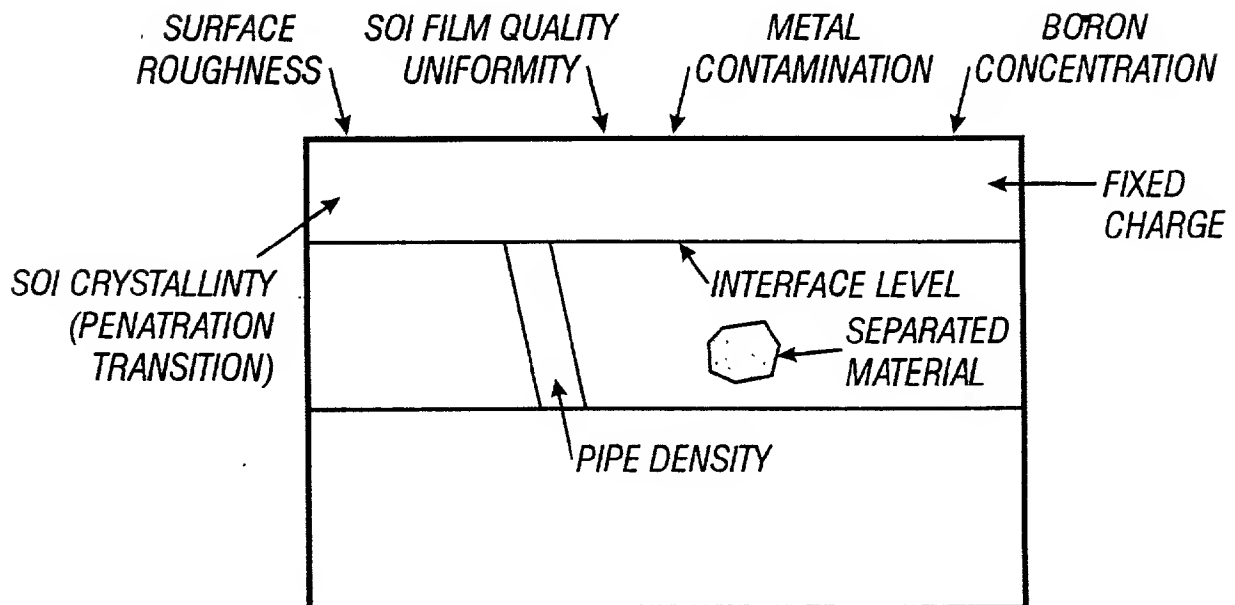


FIG. 8

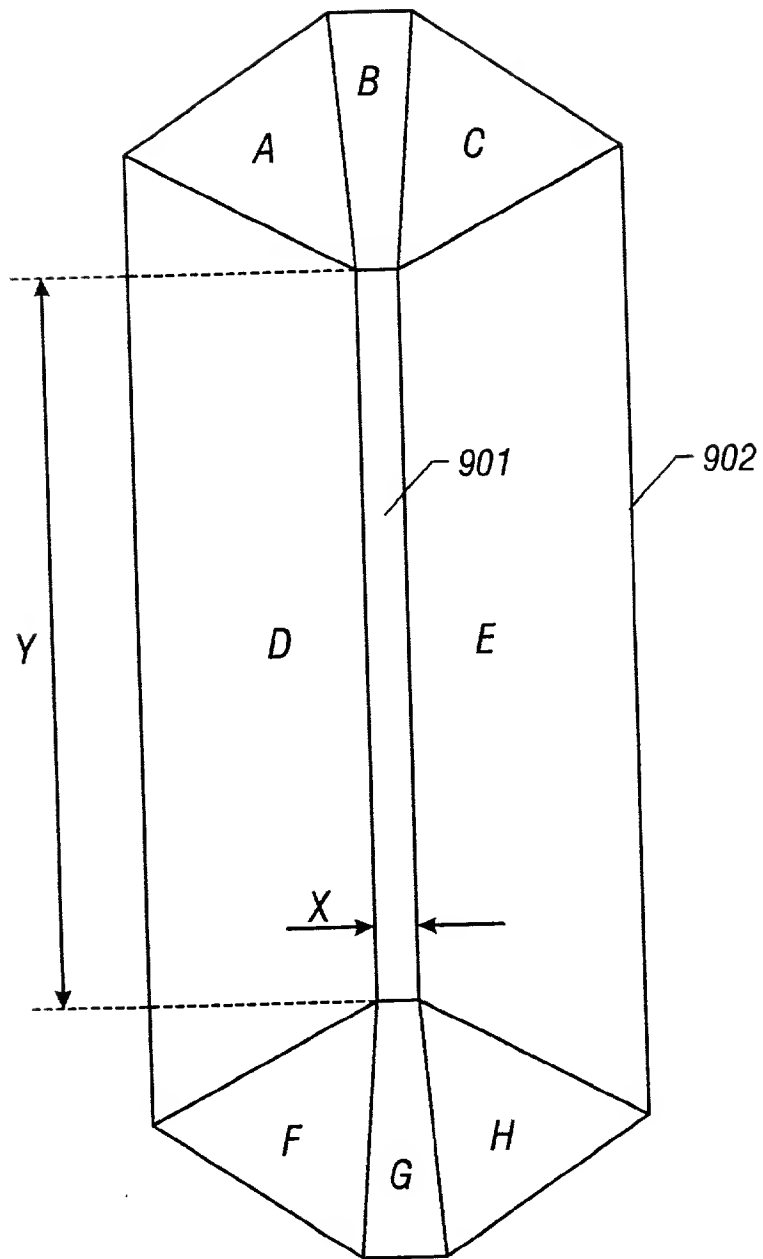


FIG. 9

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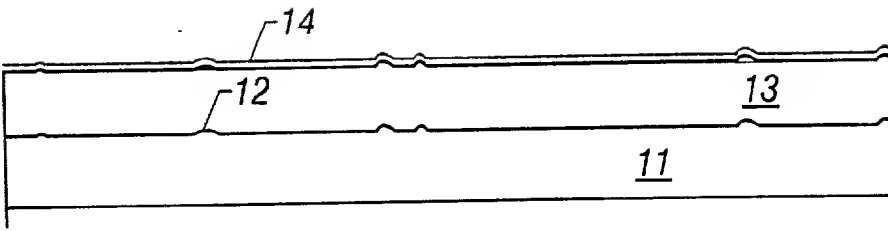


FIG. 10A
(Prior Art)

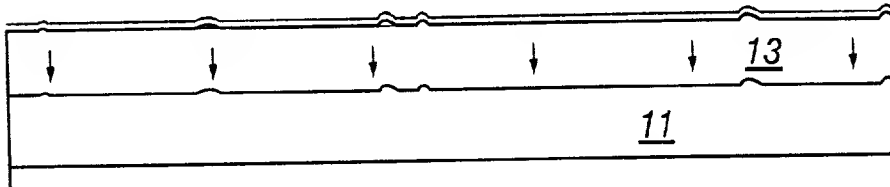


FIG. 10B
(Prior Art)

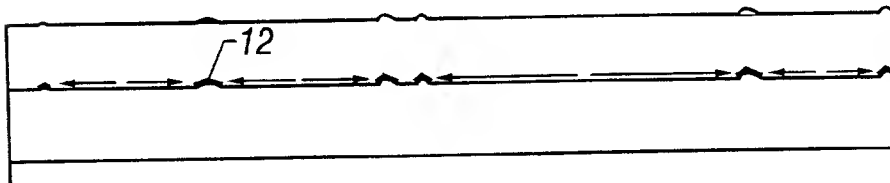


FIG. 10C
(Prior Art)

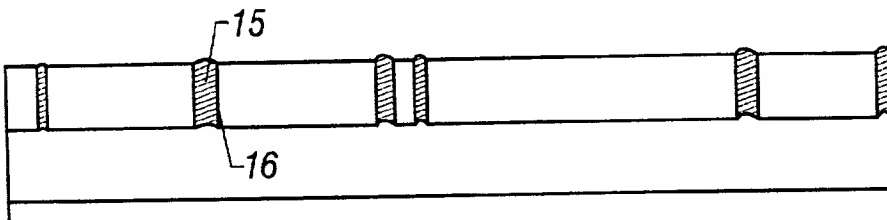


FIG. 10D
(Prior Art)

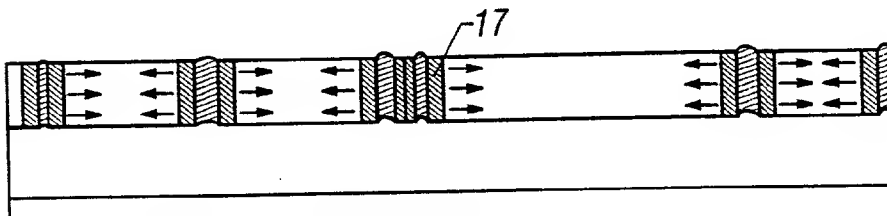


FIG. 10E
(Prior Art)

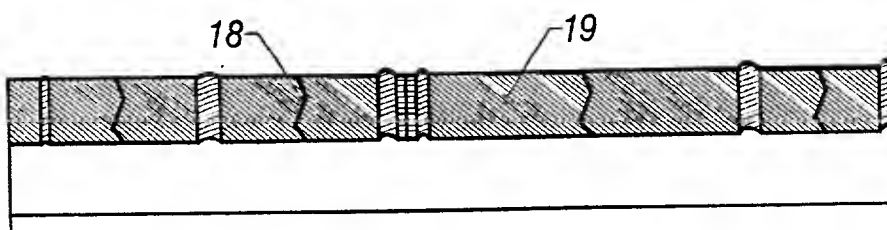


FIG. 10F
(Prior Art)

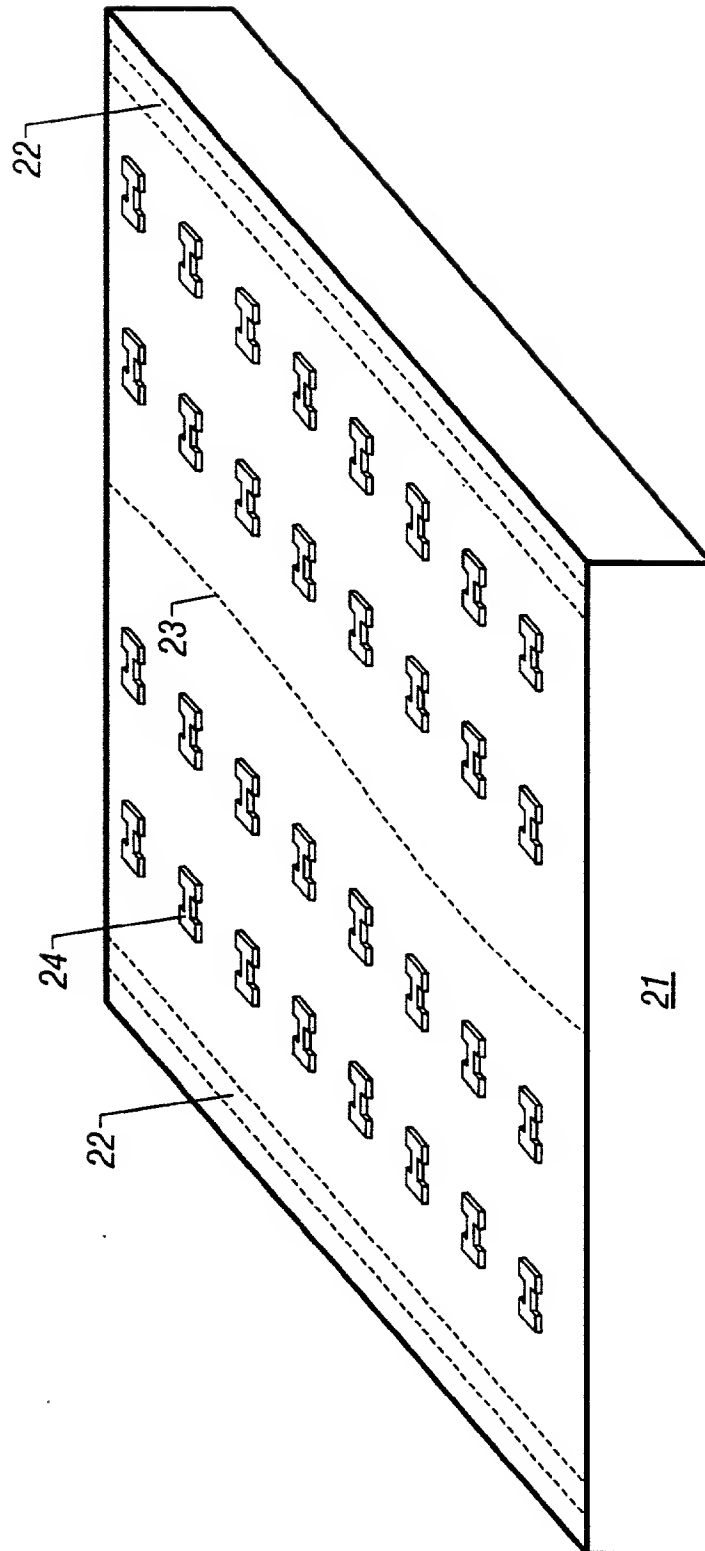
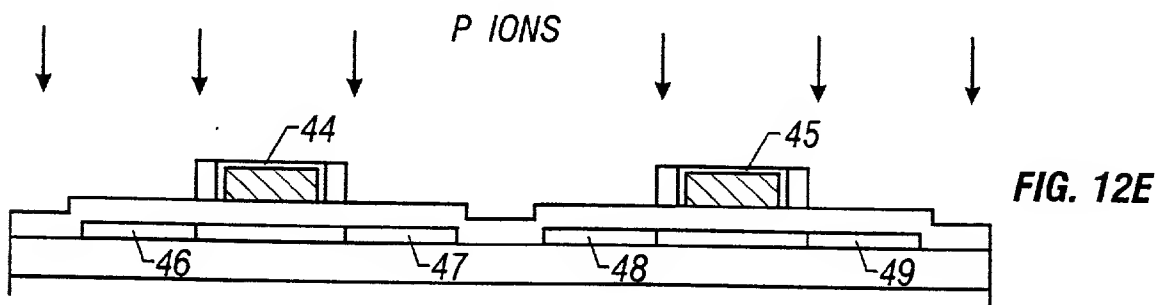
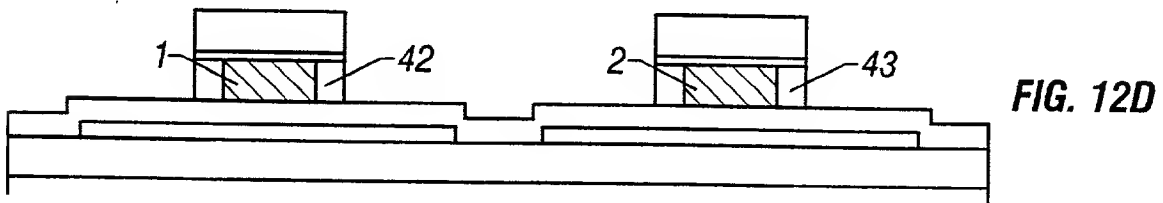
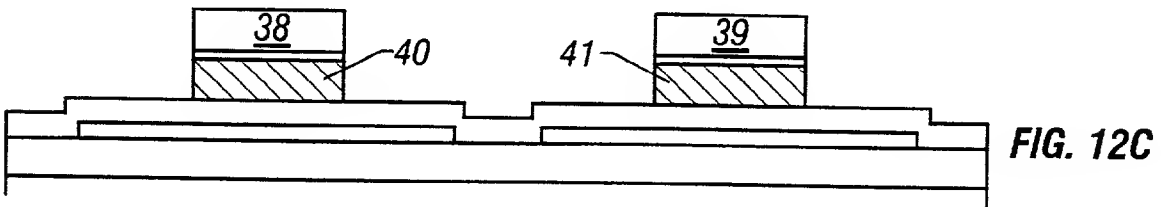
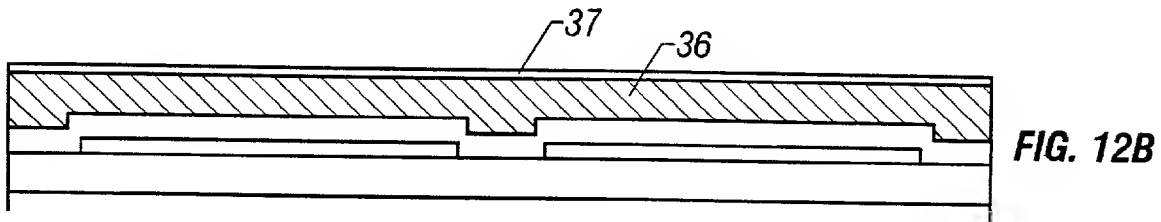
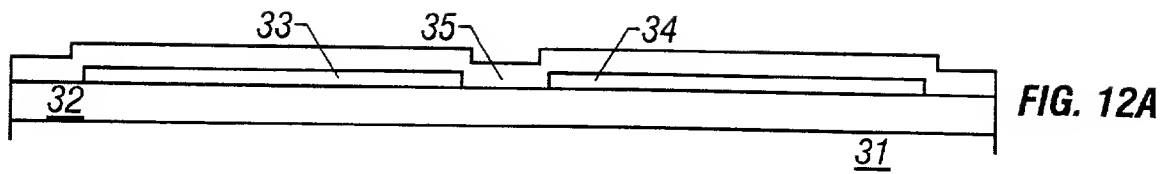


FIG. 11

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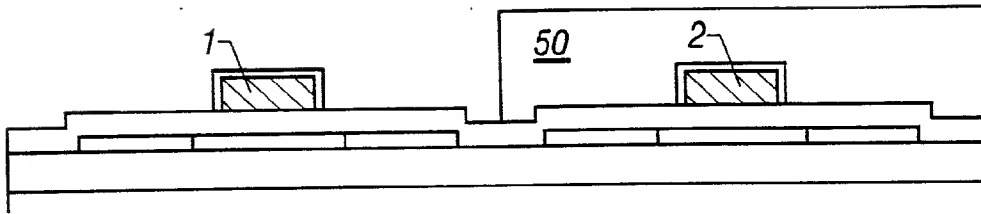


FIG. 13A

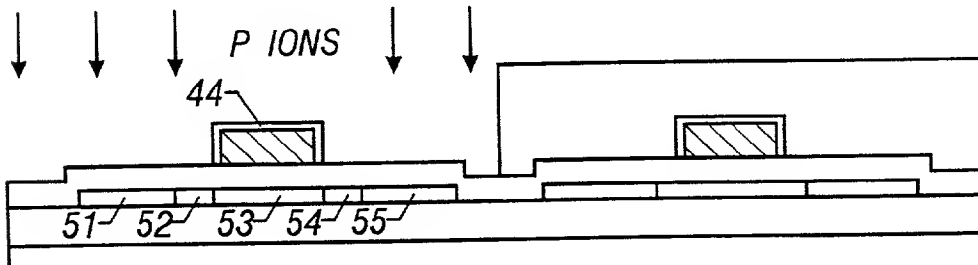


FIG. 13B

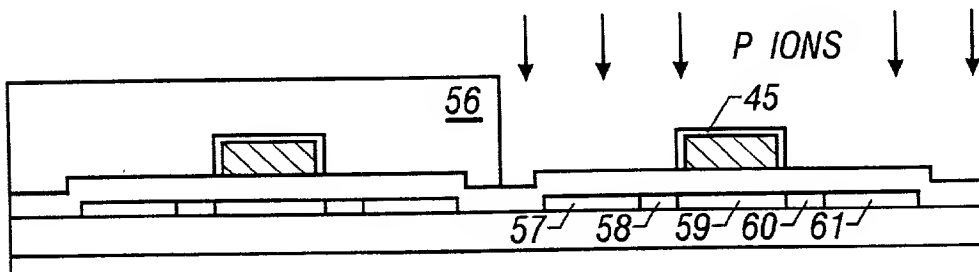


FIG. 13C

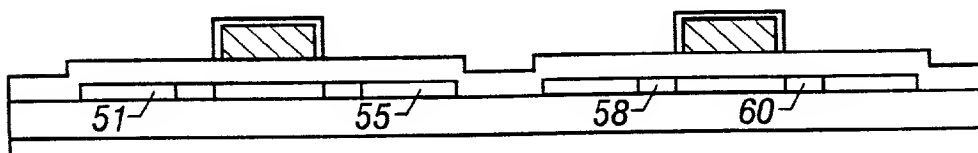


FIG. 13D

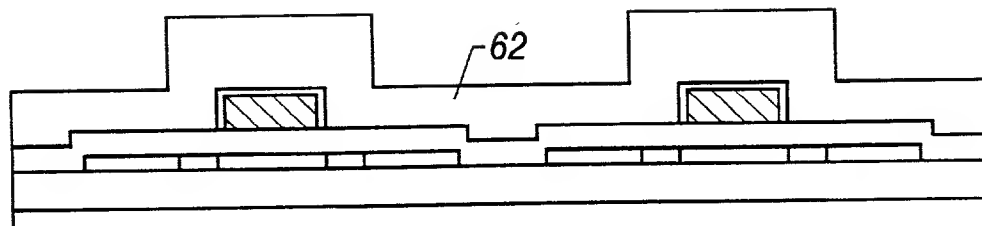


FIG. 14A

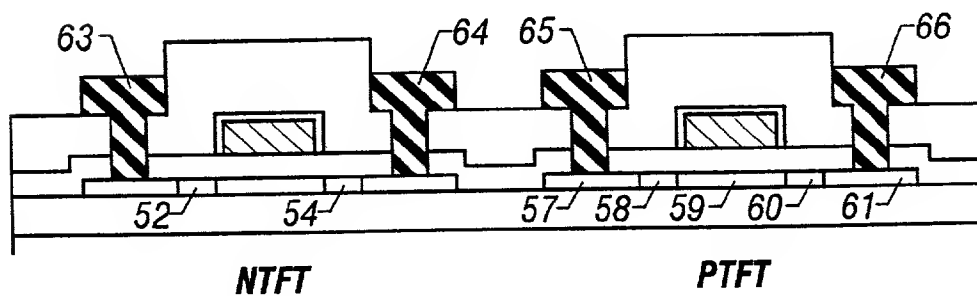


FIG. 14B

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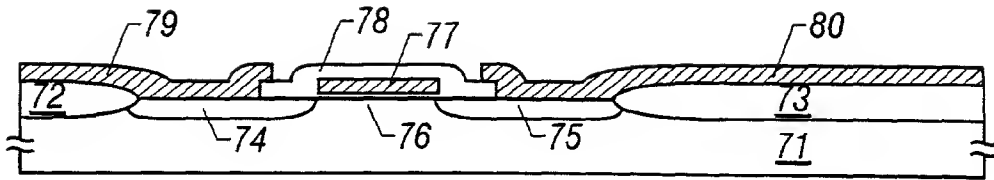


FIG. 15A

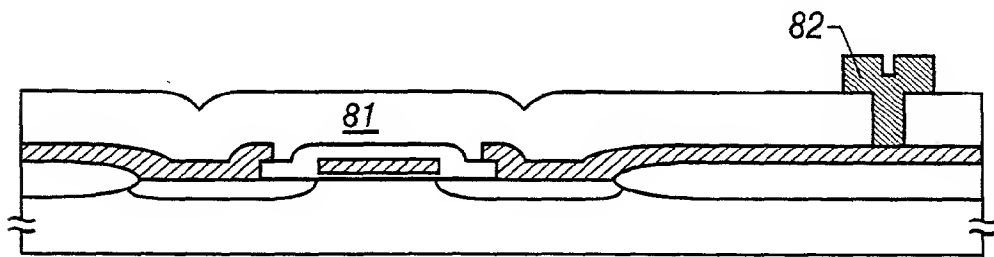


FIG. 15B

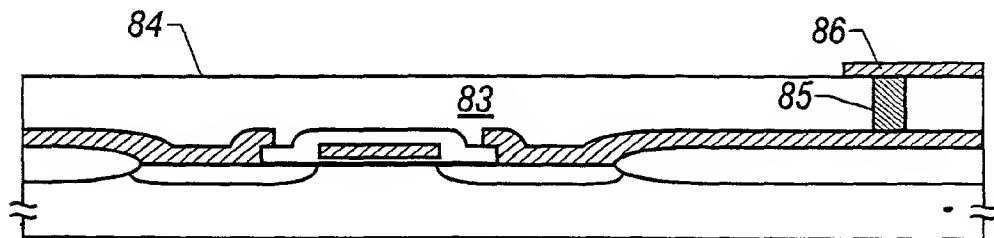


FIG. 15C

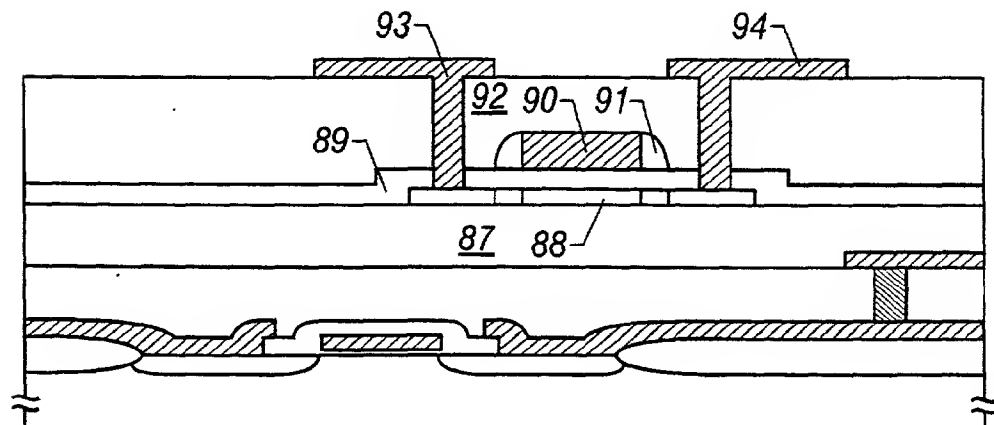


FIG. 15D

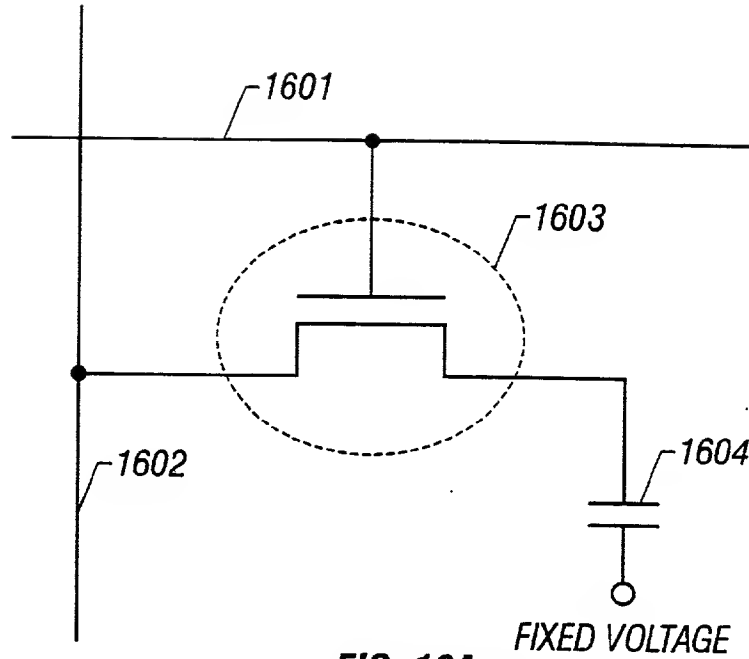


FIG. 16A

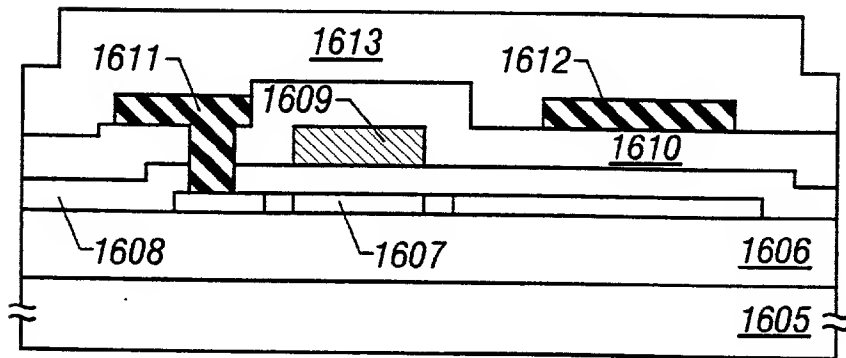


FIG. 16B

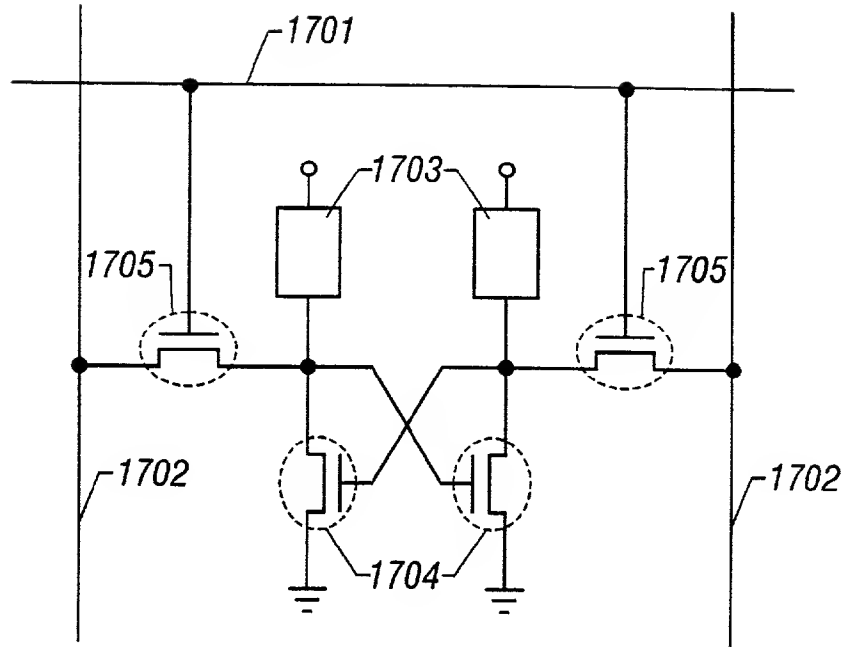


FIG. 17A

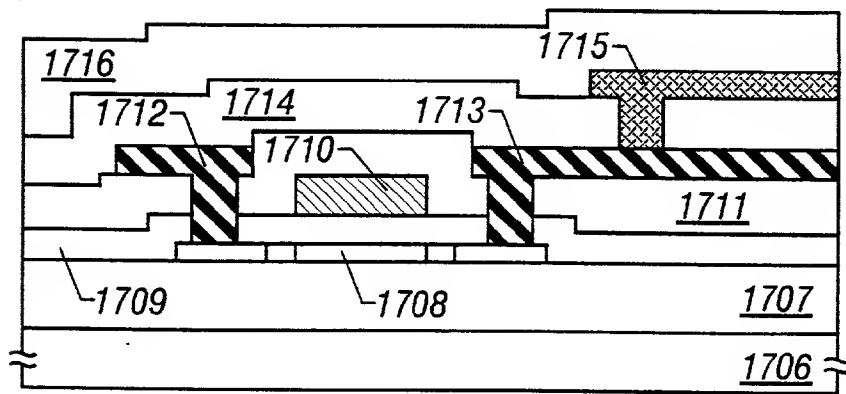


FIG. 17B

ELEMENT	CONCENTRATION (ppm)	ELEMENT	CONCENTRATION (ppm)
<i>Fe</i>	0.045	<i>Ca</i>	0.16
<i>Ni</i>	0.016	<i>Mn</i>	<0.001
<i>Na</i>	>0.005	<i>Al</i>	0.004
<i>K</i>	>0.004	<i>U</i> *2	<0.000031
<i>Ti</i> *1	<0.05	<i>Th</i> *2	<0.00016
<i>Mg</i>	>0.005	<i>F</i> *3	310
<i>Cu</i>	0.009	<i>Cl</i> *2	<0.73
<i>Cr</i>	0.003	<i>OH</i> *4	ND

**MEASURED BY POLARIZATION ZEEMAN FRAMELESS
ATOMIC ABSORPTION**

*1 ICP LUMINESCENCE ANALYSTS

*2 RADIOCHEMICAL ANALYSIS

*3 EPMA

*4 IR ABSORPTION

FIG. 18

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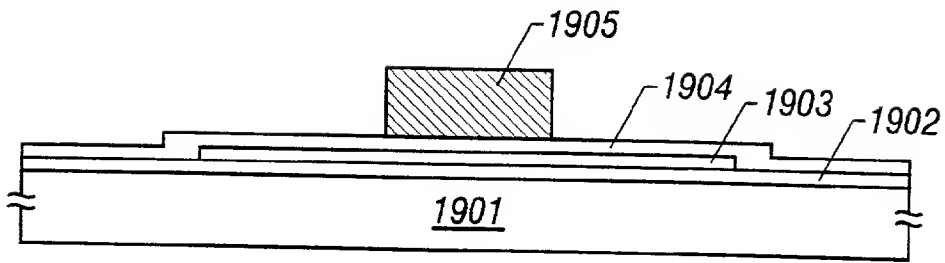


FIG. 19A

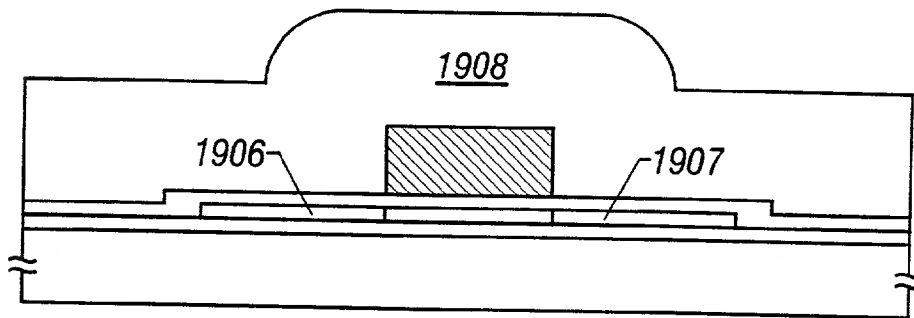


FIG. 19B

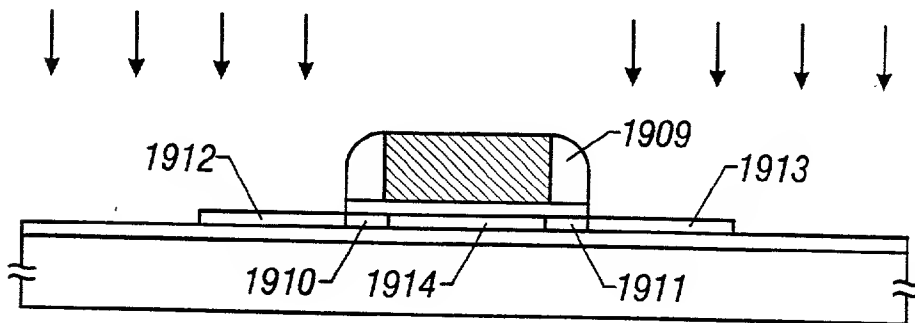


FIG. 19C

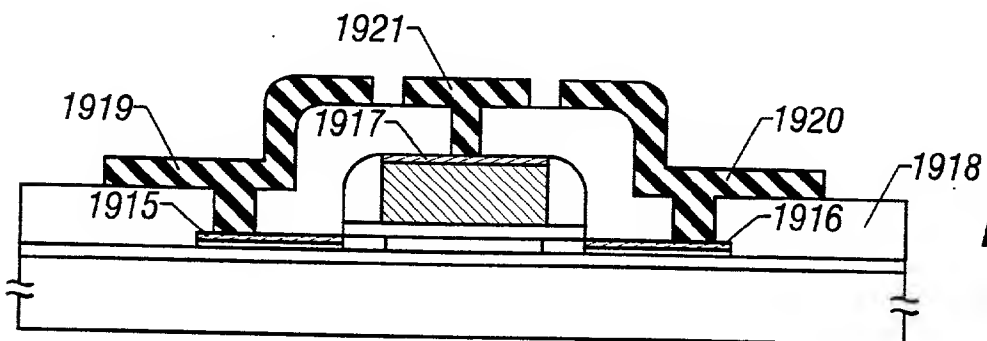


FIG. 19D

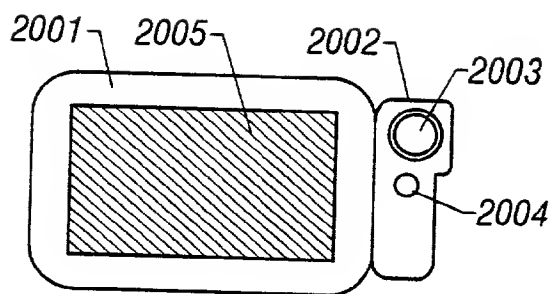


FIG. 20A

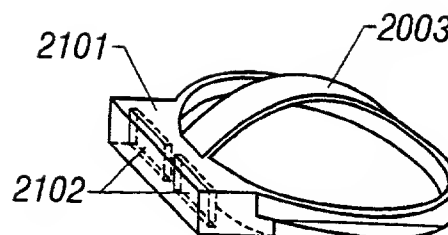


FIG. 20B

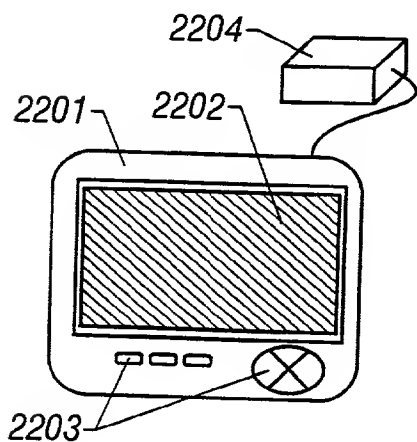


FIG. 20C

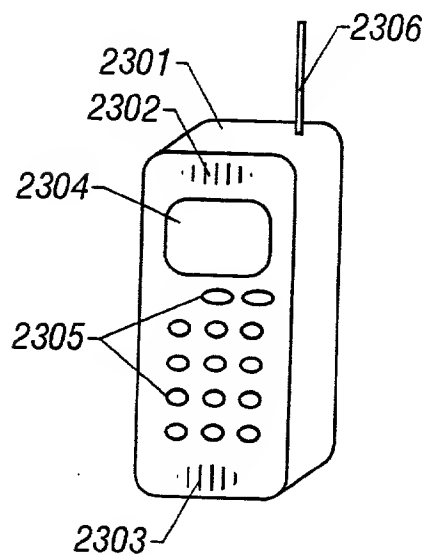


FIG. 20D

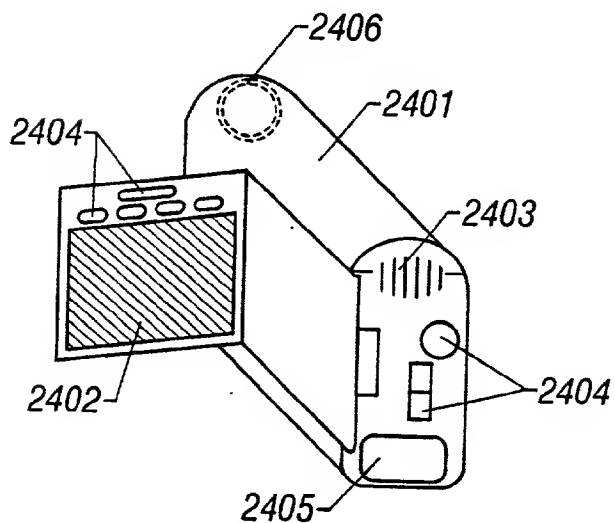


FIG. 20E

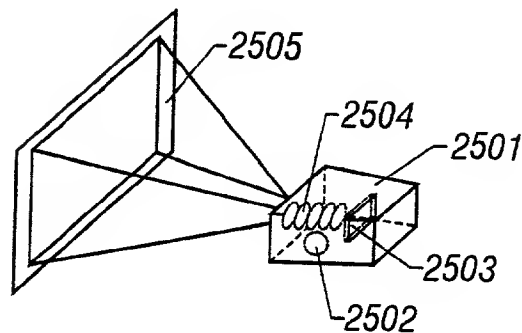


FIG. 20F